



Substitute Form PTO-1449 (Modified) Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 08895-006002	Application No. 10/750,371
	Applicant Marshall Medoff et al.		
	Filing Date December 31, 2003	Group Art Unit	

U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
JHB	AA	6,448,307	09/10/02	Medoff et al.			
	AB	US 2002/0010229 A1	01/24/02	Medoff et al.			
	AC	6,258,876	07/10/01	Medoff et al.			
	AD	6,207,729	03/27/01	Medoff et al.			
	AE	6,015,612	01/18/00	Deaner et al.			
	AF	6,015,611	01/18/00	Deaner et al.			
	AG	6,004,668	12/21/99	Deaner et al.			
	AH	5,973,035	10/26/99	Medoff et al.			
	AI	5,952,105	09/14/99	Medoff et al.			
	AJ	5,948,524	09/07/99	Seethamraju et al.			
	AK	5,932,334	08/03/99	Deaner et al.			
	AL	5,871,161	02/16/99	Nishibori			
	AM	5,851,469	12/22/98	Muller et al.			
	AN	5,827,607	10/27/98	Deaner et al.			
	AO	5,824,246	10/20/98	Reetz			
	AP	5,819,491	10/13/98	Davis			
	AQ	5,767,177	06/16/98	Omente et al.			
	AR	5,759,680	06/02/98	Brooks et al.			
	AS	5,746,958	05/05/98	Gustafsson et al.			
	AT	5,643,359	07/01/97	Soroshian et al.			
	AU	5,643,635	07/07/97	Ahn et al.			
	AV	5,582,682	12/10/96	Ferretti			
	AW	5,574,094	11/12/96	Malucelli et al.			
	AX	5,558,933	09/24/96	Anthony			
	AY	5,540,244	07/30/96	Brooks et al.			
	AZ	5,539,027	07/23/96	Deaner et al.			
JHB	AAA	5,516,472	05/14/96	Laver			

Examiner Signature <i>James J. Berg</i>	Date Considered 9/3/05
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

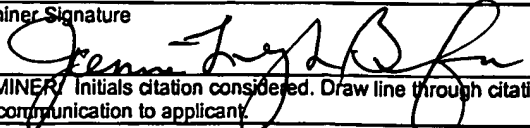
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U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
<i>JH</i>	BA	5,543,205	08/06/96	Liebel			
	BB	5,486,553	01/23/96	Deaner et al.			
	BC	5,480,602	01/02/96	Nagaich			
	BD	5,441,801	08/15/95	Deaner et al.			
	BE	5,439,542	08/08/95	Liebel			
	BF	5,437,766	08/01/95	Van Phan et al.			
	BG	5,421,205	06/06/95	Pohl			
	BH	5,380,180	01/10/95	Lamb, Sr.			
	BI	5,372,878	12/13/94	Saito			
	BJ	5,372,878	12/13/94	Saito			
	BK	5,366,790	11/22/94	Liebel			
	BL	5,351,895	10/04/94	Brooks et al.			
	BM	5,298,102	03/29/94	Pohl			
	BN	5,285,973	02/15/94	Goforth et al.			
	BO	5,284,610	02/08/94	Tai			
	BP	5,277,758	01/11/94	Brooks et al.			
	BQ	5,268,074	12/7/93	Brooks et al.			
	BR	5,254,617	10/19/93	Inoue et al.			
	BS	5,213,021	05/25/93	Goforth et al.			
	BT	5,194,461	03/16/93	Bergquist et al.			
	BU	5,155,147	10/13/92	Dietz et al.			
	BV	5,137,668	08/11/92	Lamb, Sr.			
	BW	5,124,519	06/23/92	Roy et al.			
	BX	5,100,603	03/31/92	Neefe			
	BY	5,100,545	03/31/92	Brooks			
<i>↓</i>	BZ	5,096,406	03/17/92	Brooks et al.			
<i>JH</i>	BAA	5,096,046	03/17/92	Goforth et al.			

Examiner Signature <i>James J. B. [Signature]</i>	Date Considered <i>9/3/05</i>
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U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
gfb	CA	5,088,910	02/18/92	Goforth et al.			
	CB	5,084,135	01/28/92	Brooks et al.			
	CC	5,064,692	11/12/91	Hofmann et al.			
	CD	4,963,603	10/16/90	Felegi, Jr., et al.			
	CE	4,874,095	10/17/89	Warych			
	CF	4,833,181	05/23/89	Narukawa et al.			
	CG	4,818,604	04/04/89	Tock			
	CH	4,810,445	03/07/89	Lamb, Sr., et al.			
	CI	4,791,020	12/13/88	Kokta			
	CJ	4,746,688	05/24/88	Bistak et al.			
	CK	4,738,723	04/19/88	Frizzell et al.			
	CL	4,717,742	01/05/88	Beshay			
	CM	4,674,414	06/23/87	Nülle et al.			
	CN	4,632,170	12/30/86	Pöhl			
	CO	4,608,922	09/02/86	Pöhl			
	CP	4,559,376	12/17/85	Kubát			
	CQ	4,318,351	03/09/82	Munk			
	CR	4,279,790	07/21/81	Nakajima			
	CS	4,265,846	05/05/81	Shen et al.			
	CT	4,244,847	01/13/81	Posiviata et al.			
↓	CU	4,204,010	05/20/80	Kramm et al.			
	CV	4,188,259	02/12/80	Mamers et al.			
	CW	4,113,908	12/12/78	Shinomura			
	CX	4,112,038	09/05/78	Garner			
	CY	4,020,212	04/26/77	Erickson			
	CZ	3,943,079	03/09/76	Hamed			
gfb	CAA	3,836,412	09/17/74	Boustany et al.			

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U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
<i>JTB</i>	DA	3,718,536	02/27/73	Downs et al.			
	DB	3,516,953	06/23/70	Wood			
	DC	2,757,150	07/31/56	Heritage			
	DD	2,665,261	01/05/54	Baker			
	DE	2,658,828	11/10/53	Pattilloch			
	DF	2,516,847	08/01/50	Boehm			
<i>JTB</i>	DG	1,824,221	09/22/31	Mason			

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
<i>JTB</i>	DH	WO 99/11453	03.11.99	PCT				
	DI	WO 97/18173	05.22.97	PCT				
	DJ	WO 96/13551	09.05.96	PCT				
	DK	WO 96/13468	09.05.96	PCT				
	DL	EP 0 409 525 A2	23.01.91	EPO				
	DM	AU-A-47811/90	09.01.89	Austria				
	DN	EP 0 330 729 A1	06.09.89	EPO				
	DO	63-033448	02.13.88	Japan (English Abstract Only)				
	DP	63-033442	02.13.88	Japan (English Abstract Only)				
	DQ	63-033441	02.13.88	Japan (English Abstract Only)				
	DR	63-033440	02.13.88	Japan (English Abstract Only)				
	DS	60-168611	02.09.85	Japan (English Abstract Only)				
<i>JTB</i>	DT	EP 0 161 766 A1	21.11.85	EPO				

Examiner Signature <i>Jenna Ferguson</i>	Date Considered 9/3/05
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Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
gms	EA	Abstract of JP 09213296, filed February 5, 1996, in Chemical Abstracts 127:223004.
gms	EB	Abstract of JP 09267441, filed October 14, 1997, in Chemical Abstracts 127:294599.
gms	EC	Abstract of (Doctorate) Dissertation Abstract Int. B1988, 58(9), 4962 (published in September 1997), in Chemical Abstracts 128:128805.

Examiner Signature <i>Jenna Leigh Bf</i>	Date Considered 9/3/05
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U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
QMB	AA	5,104,411	04/14/92	Makoui et al.	/	/	/
QMB	AB	4,911,700	03/27/90	Makoui et al.	/	/	/
	AC						
	AD						
	AE						
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	AJ						
	AK						

Foreign Patent Documents or Published Foreign Patent Applications

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	AL							
	AM							
	AN							
	AO							
	AP							

Other Documents (include Author, Title, Date, and Place of Publication)

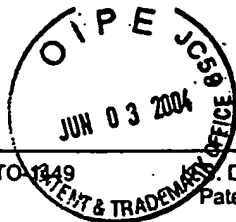
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Examiner Signature

Date Considered

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U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
<i>JP</i>	AA	5,791,262	08/11/98	Knight et al.	/	/	/
<i>JP</i>	AB	4,303,019	12/01/81	Haataja et al.	/	/	/
	AC						
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	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

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Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
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	AM							
	AN							
	AO							
	AP							

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
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U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
JP	AA	US 2003/0187102 A1	10/02/03	Medoff et al.			
	AB	US 2003/0032702 A1	02/13/03	Medoff et al.			
	AC	5,663,216	09/02/97	Tomka			
	AD	5,331,087	07/19/94	Menges			
	AE	3,709,845	01/09/73	Boustany			
JB	AF	3,697,364	10/10/72	Boustany			
	AG						
	AH						
	AI						
	AJ						
	AK						

Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
JP	AL	WO 00/29183	05/25/00	PCT				X
	AM	WO 97/06942	02/27/97	PCT				X
	AN	WO 95/08954	03/30/95	PCT				X
	AO	DE 43 31 747	03/23/95	Germany				X
JP	AP	JP 61-273805	02/13/88	Japan (English Abstract Only)				X
	AQ							

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	AR	
	AS	
	AT	
	AU	

Examiner Signature <i>Jennie Leigh Blum</i>	Date Considered 9/13/05
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by Applicant

(Use several sheets if necessary)

Applicant
Marshall Medoff et al.Filing Date
December 31, 2003Group Art Unit
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U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
JHB	AA	6,855,182	02/15/05	Sears	/	/	/
	AB	6,824,729	11/30/04	Oin et al.	/	/	/
	AC	6,743,507	06/01/04	Barlow et al.	/	/	/
	AD	6,730,249	05/04/04	Sears et al.	/	/	/
	AE	6,692,825	02/17/04	Qin et al.	/	/	/
	AF	6,670,035	12/30/03	Pittman et al.	/	/	/
	AG	6,620,503	09/16/03	Qin et al.	/	/	/
	AH	2003/0125688 A1	07/03/03	Keane et al.	/	/	/
	AI	2003/0121380 A1	07/03/03	Cowell et al.	/	/	/
JHB	AJ	6,521,087	02/18/03	Hansen et al.	/	/	/
	AK	6,448,307	09/10/02	Medoff et al.	/	/	/
JHB	AL	6,425,979	07/30/02	Hansen et al.	/	/	/
	AM	6,420,626	07/16/02	Ersparmer et al.	/	/	/
	AN	2002/0019614 A1	02/14/02	Woon et al.	/	/	/
	AO	6,270,893	08/07/01	Young, Sr. et al.	/	/	/
JHB	AP	6,270,883	08/07/01	Sears et al.	/	/	/
	AQ	6,207,729	03/27/01	Medoff et al.	/	/	/
JHB	AR	5,695,874	12/09/97	Deaner et al.	/	/	/
	AS	5,614,570	03/25/97	Hansen et al.	/	/	/
	AT	5,582,847	12/10/96	Peterson et al.	/	/	/
	AU	5,571,618	11/05/96	Hansen et al.	/	/	/
	AV	5,547,745	08/20/96	Hansen et al.	/	/	/
	AW	5,518,677	05/21/96	Deaner et al.	/	/	/
	AX	5,516,585	05/14/96	Young, Sr. et al.	/	/	/
	AY	5,516,472	05/14/96	Laver	/	/	/
JHB	AZ	5,498,478	03/12/96	Hansen et al.	/	/	/
JHB	AAA	5,441,801	08/15/95	Deaner et al.	/	/	/

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<i>JNB</i>	BA	5,432,000	07/11/95	Young, Sr. et al.	/	/	/
	BB	5,350,370	09/27/94	Jackson et al.			
	BC	5,134,023	07/28/92	Hsu			
	BD	5,104,411	04/17/92	Makoui et al.			
	BE	4,929,498	05/29/90	Suskind et al.			
	BF	4,911,700	03/27/90	Makoui et al.			
<i>JNB</i>	BG	4,624,890	11/25/86	Lloyd et al.			

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Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
<i>JNB</i>	BH	WO 02/14039 A1	02/21/02	PCT	/	/		
	BI	WO 99/23138	05/14/99	PCT				
	BJ	WO 00/34567	06/15/00	PCT				
<i>JNB</i>	BK	DE 43 31 747 A1	03/23/95	Germany			X	

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
<i>JNB</i>	BL	Supplementary European Search Report, EP 03 71 1572, 02/28/05

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